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NOTICE OF ALLOWANCE AND FEE(S) DUE

39905

7590

11/04/2008

ROETZEL AND ANDRESS 222 SOUTH MAIN STREET AKRON, OH 44308 EXAMINER

DENTZ, BERNARD I

ART UNIT PAPER NUMBER

1625

DATE MAILED: 11/04/2008

APPLICATION NO.		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
	10/562,088	03/17/2008	Jun Hu	089498.0467.US	9647	

TITLE OF INVENTION: 7-ETHYNYL-2,4,9-TRITHIAADAMANTANE AND RELATED METHODS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0	\$1055	02/04/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notificate		ng the Patent, advance on nerwise in Block 1, by (a	rders and notification of a a) specifying a new corres	maintenance fees wi spondence address;	ll be n and/or	nailed to the current (b) indicating a sepa	correspondence address as trate "FEE ADDRESS" for
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39905 ROETZEL AN 222 SOUTH MA AKRON, OH 44	ID ANDRESS AIN STREET	V2008	I he Stat add tran	Certify that this es Postal Service wiressed to the Mail smitted to the USPT	ificate s Fee(s) ith suff Stop I O (571	of Mailing or Transn) Transmittal is being icient postage for firs SSUE FEE address) 273-2885, on the day	mission g deposited with the United st class mail in an envelope above, or being facsimile ate indicated below.
							(Depositor's name)
			<u> </u>				(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTOR	RNEY DOCKET NO.	CONFIRMATION NO.
10/562,088 FITLE OF INVENTION	03/17/2008 : 7-ETHYNYL-2,4,9-TF	RITHIAADAMANTANE	Jun Hu AND RELATED METI	HODS	08	9498.0467.US	9647
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0		\$1055	02/04/2009
EXAM	INER	ART UNIT	CLASS-SUBCLASS]			
DENTZ, BI	ERNARD I	1625	549-026000	J			
"Fee Address" ind. PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Unl recordation as set forth	ondence address (or Cha 3/122) attached. ication (or "Fee Address)2 or more recent) attach ND RESIDENCE DATA less an assignee is ident h in 37 CFR 3.11. Com	Indication form led. Use of a Customer		o 3 registered patent vely, le firm (having as a agent) and the name rneys or agents. If n printed.	membe s of up o name	entified below, the de	ocument has been filed for
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a. Applicant claim	tus (from status indicateds SMALL ENTITY stated Publication Fee (if reg	ıs. See 37 CFR 1.27.	b. Applicant is no lon				FR 1.27(g)(2). ne assignee or other party in
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Authorized Signature				Date			
Typed or printed name	e			Registration No	o		
an application. Confident submitting the completed his form and/or suggesti	tiality is governed by 35 d application form to the ions for reducing this but firginia 22313-1450. DC	U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to th	1.14. This collection is estable depending upon the individual Chief Information Office	timated to take 12 m vidual case. Any con er. U.S. Patent and T	ninutes nments Tradema	to complete, including on the amount of tire ark Office, U.S. Depart	I by the USPTO to process) g gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

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10/562,088	10/562,088 03/17/2008		Jun Hu	089498.0467.US	9647	
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ROETZEL ANI	O ANDRE	DENTZ, BERNARD I				
222 SOUTH MAIN STREET				ART UNIT	PAPER NUMBER	
AKRON, OH 443	808			1625		
		DATE MAILED: 11/04/2008				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	10/562,088	HU, JUN	
Notice of Allowability	Examiner	Art Unit	
	 Bernard Dentz	1625	
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT Report of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate comm IGHTS . This application is and MPEP 1308.	in this application. If not included nunication will be mailed in due cours subject to withdrawal from issue at t	se. THIS
2. ⊠ The allowed claim(s) is/are <u>1-9 and 22</u> .			
 3. Acknowledgment is made of a claim for foreign priority uner a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 	e been received.		
3. ☐ Copies of the certified copies of the priority do			from the
International Bureau (PCT Rule 17.2(a)).		ou in the hadenar etage approunent	
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be subm	MENT of this application. iitted. Note the attached Eメ	(AMINER'S AMENDMENT or NOTIC	
INFORMAL PATENT APPLICATION (PTO-152) which give 5. CORRECTED DRAWINGS (as "replacement sheets") must	. , -	or declaration is delicient.	
(a) ☐ including changes required by the Notice of Draftspers		ew (PTO-948) attached	
1) ☐ hereto or 2) ☐ to Paper No./Mail Date	•	(1.1.5.5.1.5) and 5.1.5.5	
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1	s Amendment / Comment o		l-) ~£
each sheet. Replacement sheet(s) should be labeled as such in t			k) of
 DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT 			the
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 3-22 and 3-27-2006 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview S Paper No 7. ☑ Examiner's	nformal Patent Application Summary (PTO-413), ./Mail Date s Amendment/Comment s Statement of Reasons for Allowan	ce

The Drawings of 12-23-2005 have been accepted.

Restriction is required as follows:

Gp. I Claims 1-9 and 22 drawn to 7-ethynyl-2,4,9-trithiaadamantane and a method of making it classified in Class 549, subclass 26.

Gp. II claims 10-21,23 and 24 drawn to molecular wires having a trithiaadamantane surface anchor classified in Class 428.

Invention II is independent from Gp. I in that the trithiaadamantane ingredient in Gp. II is of course broader than the specific trithiaadamantane of Gp. I.

Thus the restriction requirement is proper.

Mr. Moxon elected to prosecute Gp. I with traverse.

Gp. I was examined and found to be allowable.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Moxon on 10-30-2008.

The application has been amended as follows:

Non-elected claims 10-21,23 and 24 have been canceled without prejudice.

The following is an examiner's statement of reasons for allowance: The acetylene moiety on the 7-position of the trithiaadamantane nucleus renders the compound novel and unobvious. The method of making it is also novel and unobvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bernard Dentz whose telephone number is 571-272-0683. The examiner can normally be reached on Mon.-Fri. 8AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Janet Andres can be reached on 571 272-0867. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 10/562,088

Page 4

Art Unit: 1625

/ Bernard Dentz/ Primary Examiner, Art Unit 1625